



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,533	12/12/2003	Michael Skopec	R026 P00745-US1	2687
3017	7590	06/13/2006	EXAMINER	
BARLOW, JOSEPHS & HOLMES, LTD. 101 DYER STREET 5TH FLOOR PROVIDENCE, RI 02903			PANNALA, SATHYANARAYA R	
			ART UNIT	PAPER NUMBER
			2164	

DATE MAILED: 06/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/735,533

Applicant(s)

SKOPEC ET AL.

Examiner

Sathyanarayan Pannala

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3/30/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Application No. 10/735533 filed on 12/12/2003 has been examined. In this Office Action, claims 1-7 are pending.

Priority

2. Applicant is claiming the benefit of priority under 35 U.S.C. 119(e) since a U.S. Provisional Application No. 60/436,549 is filed on 12/26/2002. So, the examiner honors the priority as per statutory law.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 3/30/2004 is in compliance with the provisions of 37 CFR 1.97 and has been considered by the examiner.

Specification

4. The abstract is objected because the abstract is a copy of the summary. Corrected abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text. Applicant is reminded of the proper content of an abstract of the disclosure.

A patent abstract is a concise statement of the technical disclosure of the patent and should include that which is new in the art to which the invention pertains. If the patent is of a basic nature, the entire technical disclosure may be new in the art, and the abstract should be directed to the entire disclosure. If the patent is in the nature of an improvement in an old apparatus, process, product, or composition, the abstract should include the technical disclosure of the improvement. In certain patents, particularly those for compounds and compositions, wherein the process for making and/or the use thereof are not obvious, the abstract should set forth a process for making and/or use thereof. If the new technical disclosure involves modifications or alternatives, the abstract should mention by way of example the preferred modification or alternative. The abstract should not refer to purported merits or speculative applications of the invention and should not compare the invention with the prior art.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States

only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Chan et al. (US Patent 6,493,711) hereinafter Chan.

7. As per independent claim 1, Chan teaches a method and for use in a database management system for managing a database containing data and has storage for data in the database (col. 12, lines 14-19). Chan teaches the claimed, providing a database capable of having record data loaded therein (Fig. 3, 9a, col. 12, lines 35-40). Chan teaches the claimed, providing a computer's main memory (Fig. 3, col. 6, lines 38-43). Chan teaches the claimed, providing record data for loading into the database and the record data residing in the computer's main memory (Fig. 3, col. 6, lines 38-43). Chan teaches the claimed, invoking a coordinating program (Fig. 3, col. 6, lines 44-45). Chan teaches the claimed, invoking a load utility program that issues record data input requests, opens record data from external media and loads record data to the database therefrom and the load utility having a required syntax (Fig. 3, col. 12, lines 60-63). Chan teaches the claimed, with the coordinating program, intercepting record data input requests from external media made by the load utility program (Fig. 3, col. lines 38-43). Chan teaches the claimed, replacing the record data input request from external media with record data input requests from the computer's main memory (Fig. 9b, 11, col. 13, lines 42-49). Chan teaches the claimed, inserting record data from the computer's main memory directly into the database by the load utility and whereby delays encountered

by reading of input files on the external media by the load utility is avoided (Fig. 3, 11, col. 6, lines 38-43 and col. 13, lines 45-49).

8. As per dependent claim 2, Chan teaches the claimed, providing an application data section in the computer's main memory and providing an input buffer section in the computer's main memory (Fig. 3, col. 6, lines 38-50).

9. As per dependent claim 3-4, Chan teaches the claimed, providing record data in the application data memory section, moving record data in the application data section to the input buffer section of the computer's main memory by the load utility and inserting record data from the input buffer section of the computer's main memory directly into the database (Fig. 3, col. 6, lines 38-50, col. 17, line 66 to col. 18, line 4).

10. As per dependent claim 5, Chan teaches the claimed, providing an operating system and access method for the record data, providing a default input routine by the access method for the operating system and replacing the default input routine provided by the operating system's access method with an optimized input routine (Fig. 1, col. 4, lines 4-17).

11. As per dependent claim 6, Chan teaches the claimed, the step of replacing the input routine provided by the operating system's access method further comprises: formatting the record data to the syntax required by the load utility and moving

formatted record data from the application data memory section to the input buffer section for later processing by the load utility (Fig. 1, col. 4, lines 8-12).

12. As per dependent claim 7, Chan teaches the claimed, the step of replacing the input routine provided by the operating system's access method further comprises: formatting the record data to the syntax required by the load utility and copying formatted record data from the application data memory section to the input buffer section for later processing by the load utility (Fig. 1, col. 4, lines 8-12).


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sathyanarayan Pannala whose telephone number is (571) 272-4115. The examiner can normally be reached on 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2164

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Sathyanarayan Pannala
Examiner
Art Unit 2164

srp
June 9, 2006